

Supplementary Material

Involvement of peroxiredoxin 2 in cumulus expansion and oocyte maturation in mice

You-Jee Jang^A, Jin-Seon Kim^B, Pu-Reum Yun^B, Young-Woo Seo^A, Tae-Hoon Lee^C, Jae-Il Park^{A,D} and Sang-Young Chun^{B,D}

^AAnimal Facility of Aging Science, Korea Basic Science Institute, Gwangju 61186, Republic of Korea.

^BSchool of Biological Sciences and Biotechnology, Faculty of Life Science, Chonnam National University, Gwangju 61186, Republic of Korea.

^CDepartment of Oral Biochemistry, College of Dentistry, Chonnam National University, Gwangju 61186, Republic of Korea.

^DCorresponding authors. Email: jaeil74@kbsi.re.kr; sychun@jnu.ac.kr

Table S1. Primers used for real-time RT-PCR.

Figure S1. Experimental design.

Table S1. Primers used for real-time RT-PCR.

Gene name	Accession Number	Primer sets (5'→3')
Ptgs2	NM_011198	F: TGTACAAGCAGTGGCAAAGG R: CCCCAAAGATAGCATCTGGA
Ptx3	NM_008987	F: GTGGGTGGAAAGGAGAACAA R: GGCCAATCTGTAGGAGTCCA
HAS2	NM_008216	F: GTTGGAGGTGTTGGAGGAGA R: ATTCCCAGAGGACCGCTTAT
Tnfaip6	NM_009398	F: TTCCATGTCTGTGCTGCTGGATGG R: AGCCTGGATCATGTTCAAGGTAAA
Prdx2	NM_011563.5	F: AAGGACACCACTGGCATCGAT R: CACACAATTACGGCGTGTGAA
b-actin	NM_031144	F: GAGACCTTCAACACCCCCAGCC R: CCGTCAGGCAGCTCATAGCTC

F,forward; R, reverse

Figure S1. Experimental design

